

Sale Name: Little Glady Creek

CT2.11# - TIMBER SUBJECT TO AGREEMENT (06/1972)

In addition, there is within Sale Area an unestimated quantity of:

Species	Product
Hardwoods	Sawtimber
Southern Yellow Pine	Sawtimber

that shall be Included Timber upon written agreement.

CT2.302# - PAYMENT UNIT BOUNDARIES (09/2004)

The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

See Table CT2.302# - Payment Unit Boundaries, Payment Unit Boundary Designation Table

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CT2.351# - DESIGNATION BY SPACING (04/2004)

Within Payment Unit(s) 01, 02, 03, 04, 04, 05, 06, 07, 08, 09, and 10, as shown on Sale Area Map, all live pine and hardwood trees, except trees Marked with Orange, pink, or white paint or described to be left uncut, that meet Utilization Standards and one or more of the following criteria are designated for cutting.

(a) The required spacing is a maximum average of 23 feet. The tree is within 13 feet of a live pine tree that has a larger stump diameter than it; and the larger tree is not designated for cutting.

(b) The tree is within 13 feet of a live pine or hardwood tree greater than or equal to 21.0 (measured at upper slope ground level) inches stump diameter; and this tree is not designated for cutting.

(c) The tree is Marked with Blue or yellow paint.

Distances are measured horizontal distance, outside bark stump height to outside bark stump height. Stump diameter is measured outside bark at stump height in a horizontal plane and is the average of a measurement across the short axis through the true center of the stump and a second measurement at right angles to the short axis.

All pine and hardwood sawtimber shall be left as leave trees, unless Marked with blue or yellow paint. No tree greater than or equal to 21.0 (Measured at upper slope ground level) inches stump diameter shall be cut, unless Marked with blue or yellow paint. Cutting unit boundaries and other trees that shall be left uncut are Marked with orange, pink, or yellow paint.

Purchaser and Forest Service shall agree to skid trail location under BT6.422. Skid trails shall be no greater than 14 feet wide with a 70 (center of corridor) foot spacing. Quantities of trees located in skid trails are Included Timber under AT2.

CT5.31# - ROAD MAINTENANCE REQUIREMENTS (07/2001)

Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

See Contract Road Maintenance Requirements Summary Table.

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CT6.24# - SITE SPECIFIC SPECIAL PROTECTION MEASURES (04/2004)

Special protection measures needed to protect known areas identified on Sale Area Map or on the ground include:

Cultural Resource Protection Measures: No equipment is permitted within areas having white painted boundaries

Wildlife and Botanical Protection Measures: N/A

Cave Resource Protection Measures: N/A

CT6.3# - SCHEDULE FOR RELEASE OF PAYMENT UNITS (08/2001)

Unless otherwise agreed in writing, no more than 2 Payment Units may be operated at one time. Upon completion of all contract requirements in a Payment Unit, an additional Payment Unit may be released for cutting if by such release the maximum number of Payment Units specified above, which may be operated at one time, is not exceeded.

The sequence for cutting Payment Units shall be: N/A

CT6.401# - CONDUCT OF LOGGING (09/2004)

Unless otherwise agreed in writing, the Purchaser shall take the following measures to minimize breakage of logs and to protect residual trees and other National Forest resources:

Applicable Within Payment Unit(s) 01 through 10, the skidding pattern shall be approved by Forest Service in advance of felling and main skid roads/trails shall be located on the ground in advance of felling.

N/A To avoid unnecessary turning of logs in Payment Unit(s) N/A, the Purchaser shall fell with the lead of the trees toward skid trails. The Purchaser shall employ directional felling techniques such as wedging, jacking, cable winching, or other methods, as needed to direct the fall of the tree.

Applicable Outside of clearcutting areas and authorized clearings, tractors shall be equipped with a winch to facilitate skidding. Products shall be winched (end-lined) as needed to protect resources or residual trees from unnecessary damage.

N/A In areas shown on Sale Area Map with the symbol W, all ground-based skidding equipment shall be confined to approved skid roads or trails and all Included Timber shall be winched to the skidder before transfer to the log landing. Winching may be required for distances up to N/A feet.

N/A In Payment Unit(s) N/A, skidding of products greater than N/A feet in length is prohibited.

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CT6.5# - STREAMCOURSE PROTECTION (06/2002)

The following are required in addition to the Standard Provisions under BT6.5:

Applicable Fords may be permitted with written authorization in locations containing rock or rock-fragment bottoms or where streams can be protected with corduroy or gravel.

Applicable All vehicles are prohibited within a PINK Marked boundary along either side of Streamcourses that are shown on the Sale Area Map. Vehicles will be allowed to cross Streamcourses only at locations designated by the Forest Service or as essential to construction or removal of culverts or bridges.

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CT6.601# - REVEGETATION PLAN AND SPECIFICATIONS (08/2006)

Where soil has been disturbed by Purchaser's operations and vegetation is needed to minimize erosion, Purchaser shall take appropriate measures according to the following specifications or other agreed stabilization measures:

Temporary road cuts, fill slopes, and shoulders shall be seeded and fertilized within 15 days of construction during the seeding season(s).

Temporary road surfaces, landings, and skid trails shall be seeded when not to be used for a period exceeding 60 days during the seeding season(s).

Temporary road cuts, fill slopes, and other soil disturbance within 25 feet slope distance of a streamcourse shall be seeded and mulched within 3 days of the disturbance.

Exposed soil on temporary roads, skid trails and landings no longer needed for the Purchaser's operations shall be seeded and fertilized within 30 days of discontinued use during the seeding season(s). Soil tilling to cover seed may be required under dry site conditions.

Bare areas or roads with soil compaction will require harrowing, disking or ripping. Fertilizer shall be applied and mixed thoroughly with the soil prior to seeding. Due to compaction, it may be necessary to till the soil to a depth of 6 inches or more.

The seeding season(s) shall be during the inclusive listed below, unless otherwise agreed.

**See CT6.601# - Revegetation Plan and Specifications, Seeding Season(s) Table**

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

**See CT6.601# - Revegetation Plan and Specifications, Fertilizer and Seed Table**

Applicable Mulch at the rate of 3000 pounds per acre shall be applied. The Forest Service will identify the areas where mulch is required in addition to those specified elsewhere in this contract. Hay, straw, pine straw or shredded bark or other mulch acceptable to the Forest Service may be used as mulching material.

Applicable The Forest Service shall agree to the timing of the seeding operations.

Applicable Seeding operations shall not begin without the presence of a Forest Service representative.

Applicable Other revegetation specification: Any mulch (hay, straw, pine straw, or sheaded bark) shall be certified WEED FREE.

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Purchaser shall make the following deposit:

**See CT6.601# - Revegetation Plan and Specifications, Cooperative Deposit Table**

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CT6.63# - TEMPORARY ROADS (08/2004)

Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the seeding season(s) listed in CT6.601#.

Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the Normal Operating Season(s) listed in AT13.

The location and clearing widths of all Temporary Roads shall be agreed to and all timber within the clearing limits shall be paid for before construction is started. Temporary roads shall follow the general contour insofar as practical with maximum grades not to exceed 15 percent for lengths up to 100 feet. Construction shall include frequent broad-based dips or breaks in grade as necessary to remove runoff from the road. Clearing width shall not exceed that needed for safe and efficient operations, and the travel way shall not exceed 12 feet except at turnouts and landings. Crossings shall be located perpendicular to any stream or drainage.

Concurrent with Temporary Road construction, the Purchaser shall install straw or hay bales, silt fence or brush/slash barriers at the base of the fill along Temporary Roads adjacent to Streamcourses and at other sensitive areas shown on Sale Area Map per the following requirements:

**See Table CT6.63# - Temporary Roads, Silt Barrier Table**

At Streamcourse crossings, cut and fill slopes and other disturbed areas within 25 feet slope distance of the Streamcourse shall be protected by seeding and mulching the same day construction occurs.

As necessary to attain stabilization of roadbed and cut and fill slopes of Temporary Roads, the Purchaser shall employ such measures as outsloping, revegetation, mulching, drainage dips, water spreading ditches and silt barriers.

Unless otherwise agreed, cut banks and fill slopes shall be sufficiently sloped to facilitate revegetation.

The Purchaser shall place and maintain the following depth of gravel or crushed stone on all Temporary Roads at the following locations:

**See Table CT6.63# - Temporary Roads, Gravel Requirements Table**

Purchaser shall maintain all erosion control structures such as silt barriers, water-spreading ditches and broad based dips in a functional condition during Purchaser's Operations. Purchaser shall stabilize and close to vehicular traffic all Temporary Roads prior to periods of inactivity.

Except for Temporary Roads to remain open under BT6.631, after a Temporary Road has served Purchaser's purpose, the Purchaser shall give notice to the Forest Service and shall remove bridges and culverts, eliminate ditches, out-slope roadbed, remove ruts, remove outside berms by pulling the material back onto the road surface, effectively block the road to normal vehicular traffic, and build cross ditches and water bars as staked or otherwise marked on the ground by Forest Service unless agreed otherwise in writing. When bridges and culverts are removed, associated fills shall also be removed to the extent necessary to restore channel to natural size, slope and bottom, and to permit normal maximum flow of water and protection of adjacent resources.

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CT6.7# - SLASH TREATMENT (08/2004)

Slash is defined as all vegetative debris resulting from the Purchaser's operations, including limbs, tops, cull logs, bark, wood chunks, pushed-out stumps, damaged brush, and damaged residual trees. Tops from felled trees and all trees to be removed from roads, landings, or other construction clearings shall be completely felled and not left leaning or hanging in other trees. Slash associated with construction of Specified Roads is construction slash subject to treatment according to road construction specifications.

Other Ownership. The Purchaser shall conduct operations so that slash does not enter non-National Forest System lands, as shown on Sale Area Map. In event slash is deposited on other ownership, the Purchaser shall immediately remove such slash. The Contracting Officer may agree in writing to other treatment requirements if the Purchaser provides a written slash disposal agreement between the Purchaser and the landowner.

Roads and Other Clearings. Along roads available for public use the Purchaser shall immediately remove slash from traveled surfaces, shoulders, and drainage facilities. Other slash along roads available for public use and all slash along roads not available for public use shall be removed from the clearing limits within four days after adjacent skidding or yarding to each landing is complete. In areas where skidding or yarding is delayed or interrupted, slash shall be removed within ten days after being created.

Trails open to public use shall be kept free of slash. Slash within the clearing limits of powerlines, telephone lines, pipelines, and similar clearings shall be removed within ten days after adjacent skidding or yarding to each landing is substantially complete.

Slash removed from roads and other clearings shall be scattered outside the clearing limits, or otherwise disposed of as agreed. The time requirements for completion of slash removal may be changed by written agreement, except where immediate removal is required.

Other Treatment Areas. The Purchaser shall complete slash treatment in other areas as described below. The Forest Service and the Purchaser shall jointly agree to a schedule for completion of such slash treatment, which shall be included in the Purchaser's Annual Operating Schedule required under BT6.31.

Applicable At or adjacent to log landings, delimbing areas, and similar areas of slash accumulation within all payment units, concentrations of slash greater than 3 feet in height and 20 feet in length, measured at greatest distances, shall be lopped and scattered to lay within three feet of the ground, concurrent with operations

Slash treatments described below are required at locations shown on the Sale Area Map by the following symbols:

See Table CT6.7# - Slash Disposal, Slash Disposal Requirements Table

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CT7.202# - FIRE FIGHTING EQUIPMENT (08/2001)

When the Forest Service advises the Purchaser that local fire weather conditions are becoming critical, the Purchaser shall keep with gasoline chain saws at all times fire rake and chemical fire extinguisher and take precautionary measures requested by the Forest Service. The Purchaser shall act as custodian of fire fighting equipment furnished by the Forest Service. Equipment shall be stored in sealed boxes provided for this purpose and shall be transported to locations in the immediate vicinity of current logging and milling operations on Sale Area. The Forest Service shall be reimbursed for any damage to or loss of fire fighting equipment furnished by the Forest Service, which occurs on Negligently-Caused Fires or as a result of using equipment for unauthorized purposes.

CT8.23# - ADDITION OF NET GROWTH (08/2004)

In event of Contract Term Extension, net growth shall be added to all uncut designated timber, except on the partially cut Payment Units exempt from redetermined rates under BT3.1. On the partially cut Payment Units to which redetermined rates apply under BT3.1, the Forest Service shall determine the approximate percentages of area remaining uncut. These percentages shall be applied to the original estimates of timber quantity in each Payment Unit to determine the approximate quantity of designated timber remaining in each Payment Unit. The growth percentages listed herein shall be applied to these estimated remaining quantities to obtain total net growth of uncut timber in the partially cut Payment Units. For both un-entered and partially cut Payment Units, the determination of volume subject to addition of growth shall be made as of 45 days prior to the original Termination Date shown in AT12 with no adjustment for any timber subsequently Released for Cutting or cut and removed prior the effective date of Contract Term Extension. Growth shall be calculated on the basis of total number of full growing seasons from JULY, 2012 until the Termination Date, including any Contract Term Adjustment.

Applicable annual growth percents by species or species groups and products are:

**See Table CT8.23# - Addition of Net Growth, Percent Growth Table**

Payment for the additional growth in partially cut Payment Units for which growth is applicable shall be made prior to the effective date of Contract Term Extension.

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